

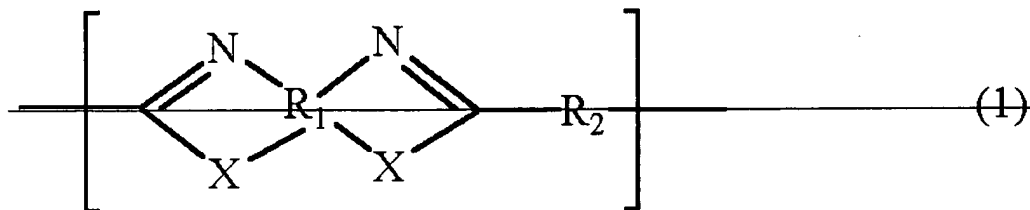
AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

Listing of Claims

Claims 1-10 (cancelled)

Claim 11 (currently amended): An optical waveguide comprising an optical transparent ~~[[resin]]~~ poly(benzoxazole) obtained by reaction of dicarboxylic acid derivative with 2,2-bis(3-amino-4-hydroxyphenyl)hexafluoropropane, wherein fluorine atom content of the poly(benzoxazole) ranges from 15 to 40% by mass, comprising a poly(benzoxazole) having repeating units represented by the following general formula (1) as a constituent:



wherein ~~R₁ represents a tetravalent organic group having an aromatic ring, N and X in each of the two sets thereof are linked to two atoms at the ortho position on the aromatic ring of R₁ to form a 5-membered ring, R₂ represents a divalent organic group and X represents an oxygen atom or a sulfur atom.~~

Amendment
Serial No. 10/763,348
Attorney Docket No. 042050

Claims 12-19 (cancelled)

Claim 20 (currently amended): An optical waveguide according to claim 11 ~~any one of claims 11 and 14 to 18~~, wherein the optical transmission factors as determined using light rays having wavelengths of 1300 nm and 1550 nm are not less than 80%.

Claim 21 (currently amended): An optical waveguide according to claim 11 ~~any one of claims 11 and 14 to 18~~, wherein the refractive indexes as determined using light rays having wavelengths of 1300 nm and 1550 nm range from 1.45 to 1.75.

Claim 22 (currently amended): An optical waveguide according to claim 11 ~~any one of claims 11 and 14 to 18~~, wherein the rates of birefringence as determined using light rays having wavelengths of 1300 nm and 1550 nm are not more than 0.008.